

ABSTRACT OF THE DISCLOSURE

The charging system for a vehicle includes: a motor generator which operates as a generator to generate an alternating current when the motor generator is driven by an internal combustion engine, and operates as a motor when an alternating current is supplied thereto; a switching circuit for converting the alternating current generated by the motor generator into a direct current; a first accumulator accumulating therein the direct current converted by the switching circuit; a second accumulator accumulating therein the direct current converted by the switching circuit and having a smaller accumulation voltage than that of the first accumulator; a first opening/closing unit interposed between the first accumulator and the switching circuit; a second opening/closing unit interposed between the second accumulator and the switching circuit; and, a control unit for controlling the opening and closing of the first and second opening/closing units.